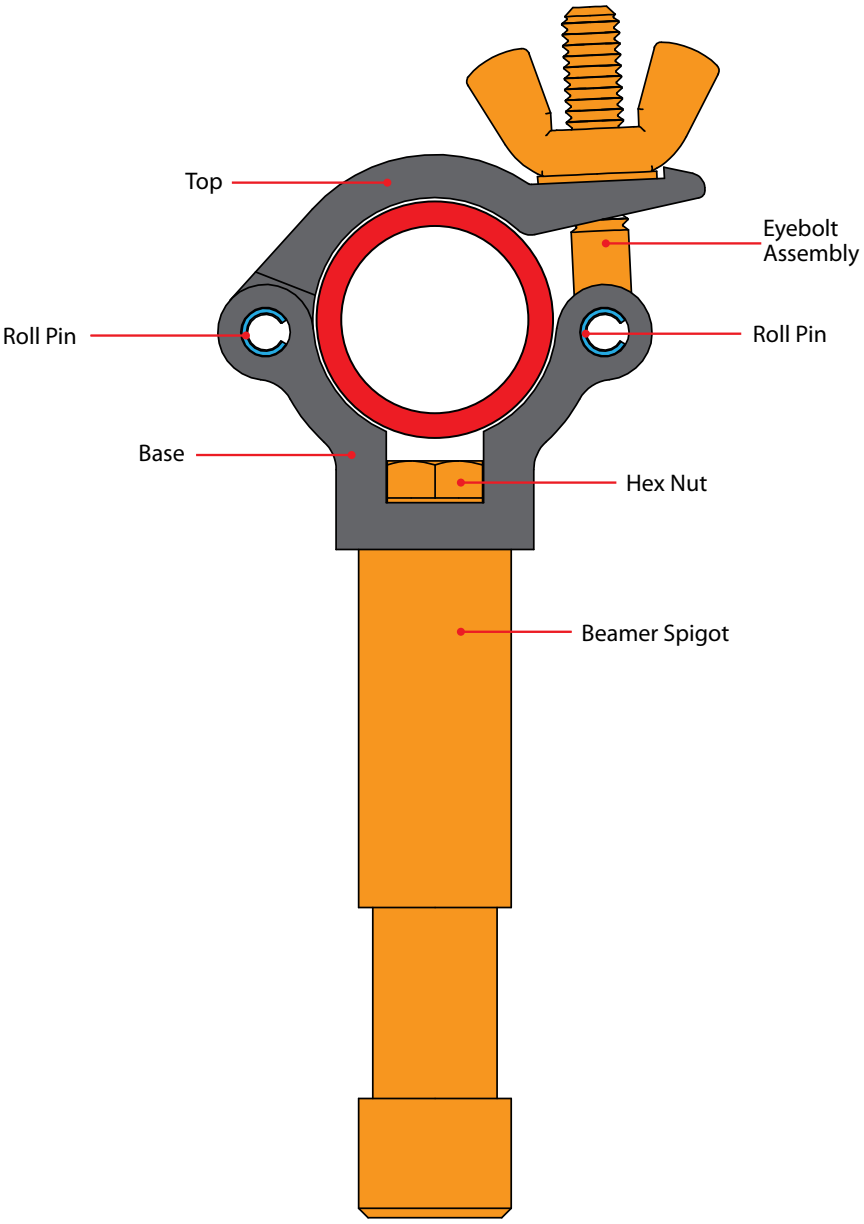
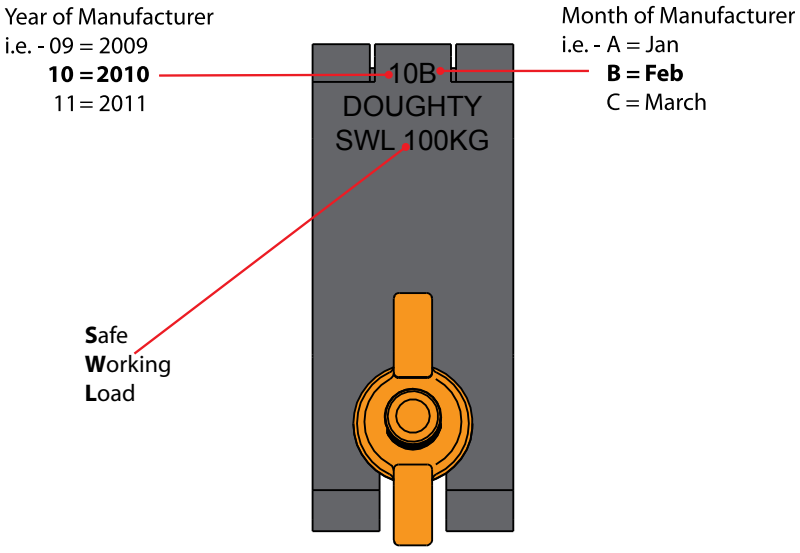
User Manual

www.doughty-engineering.co.uk

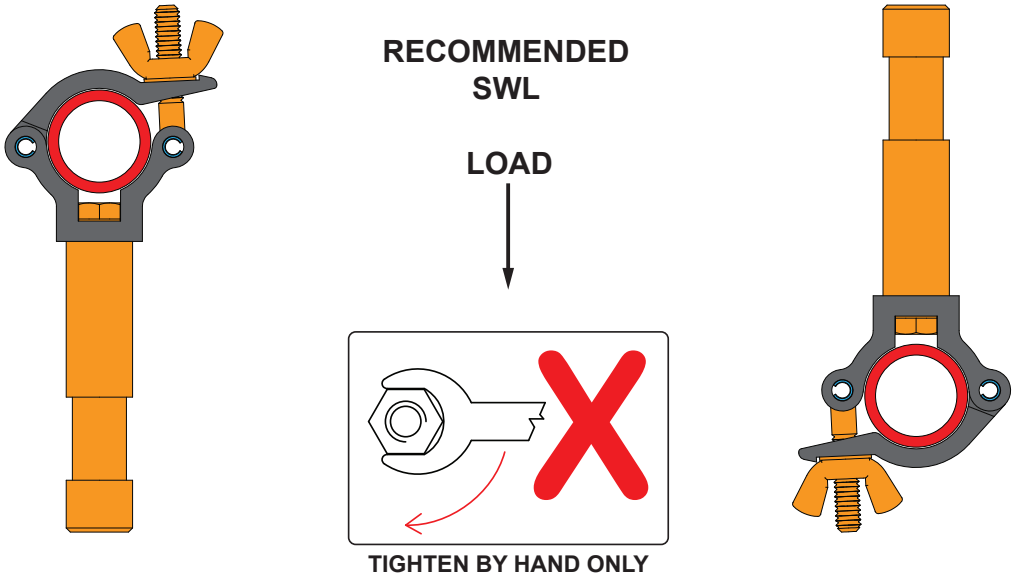
T58894/T5889401

25mm Atom Beamer

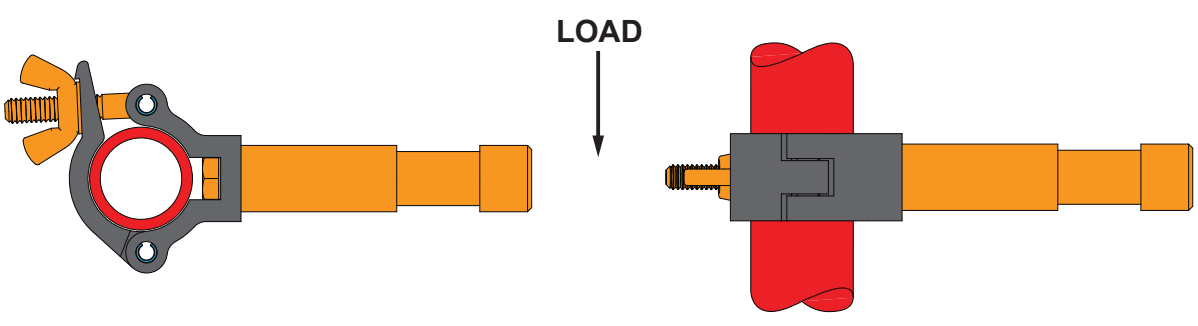

Top
Eyebolt Assembly
Roll Pin
Roll Pin
Base
Hex Nut
Beamer Spigot


Year of Manufacturer
i.e. - 09 = 2009
10 = 2010
11 = 2011
Month of Manufacturer
i.e. - A = Jan
B = Feb
C = March
10B
DOUGHTY
SWL 100KG
Safe
Working
Load

1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (25mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
5. Doughty Engineering Ltd does not recommend using any clamps which do not fully encompass the tube for overhanging. All open clamps including hookclamps should be used in a vertical orientation only.



THE FOLLOWING APPLICATIONS WILL RESULT IN THE RECOMMENDED SWL BEING REDUCED DEPENDANT ON THE TUBE SURFACE FINISH & TORQUE SETTINGS APPLIED. PROOF LOADING ON INSTALLATIONS IS RECOMMENDED.



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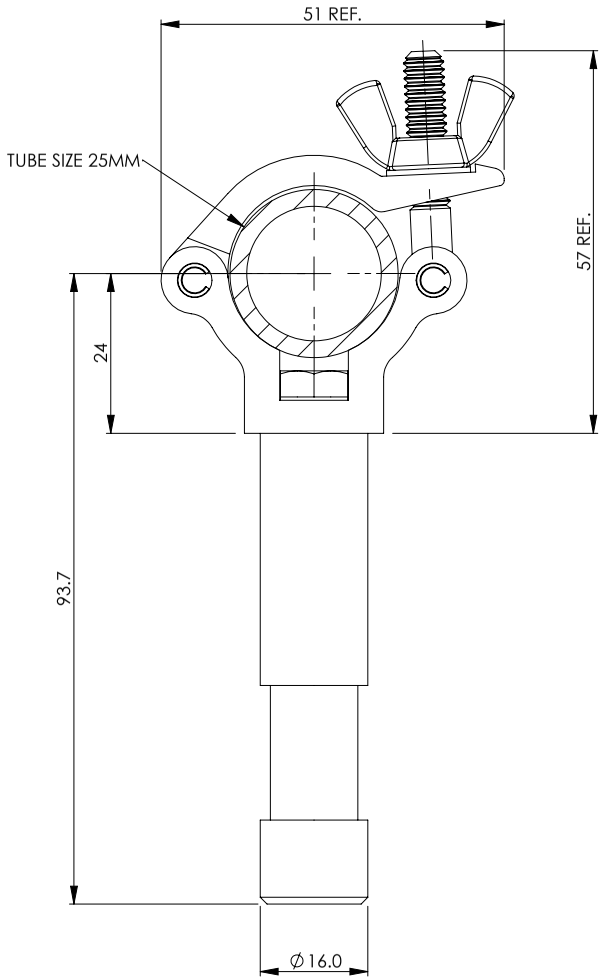
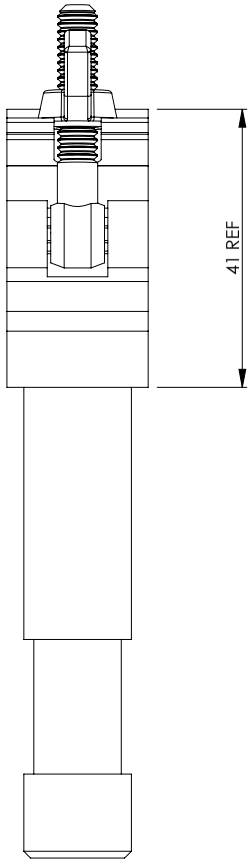
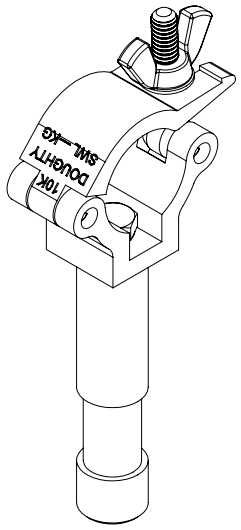






DOUGHTY

DOUGHTY ENGINEERING LTD

DATA SHEET

TITLE:
25MM ATOM BEAMER CLAMP

PART NOS:

T58894 - SILVER

T5889401 - BLACK

MATERIAL :
ALUMINIUM

WEIGHT:
N/A

SWL:
100 KG

FINISH:

T58894 - POLISHED

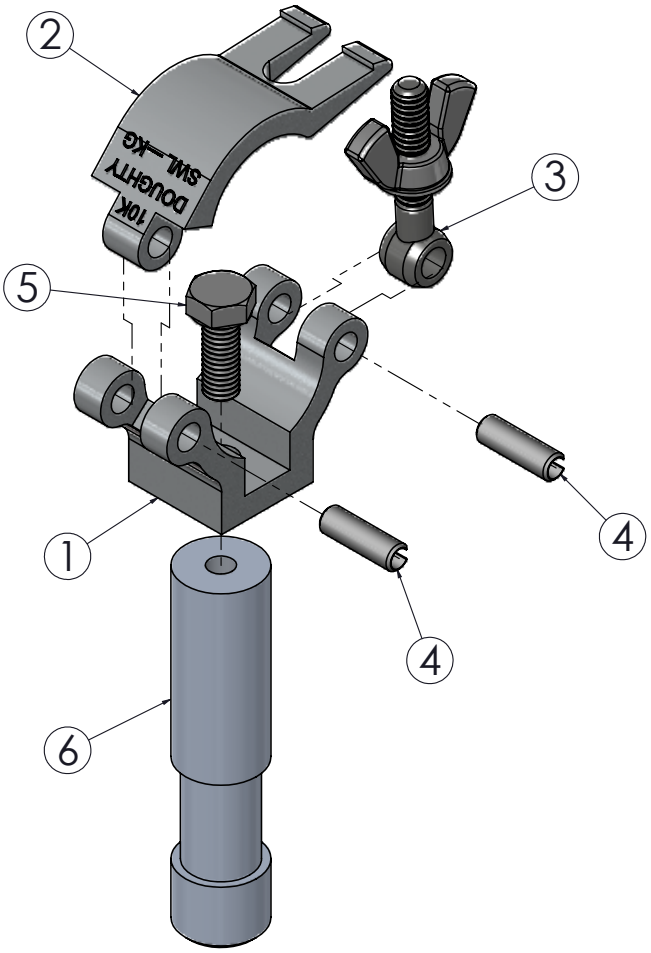
T5889401 - POWDER PAINTED BLACK

NOTES:

STRICTLY FOR REFERENCE PURPOSES ONLY

THIRD ANGLE PROJECTION

Data Sheet



DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY
AN AUTHORISED SERVICE AGENT.
SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.
1	TH655	MACHINED 25MM ATOM CLAMP BASE	1
2	TH133	MACHINED 25MM ATOM CLAMP TOP	1
3	T78015	M6 X 35 DOUGHTY EYEBOLT ASSEMBLY	1
4	F772	M5 x 16 ROLL PIN STAINLESS STEEL	2
5	F920	M6 X 16 HEX SET SCREW BZP	1
6	T73391	M6 BEAMER SPIGOT	1

T58894 - 25MM ATOM BEAMER CLAMP

DOUGHTY	DRAWN	AW
	DATE	05/04/2011
NOT TO SCALE	Rev	1

Doughty Engineering Limited
CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND
Telephone: +44 (0) 1425 478961 Fax: +44 (0) 1425 474481
www.doughty-engineering.co.uk
email:sales@doughty-engineering.co.uk

EC DECLARATION OF CONFORMITY

Doughty Engineering Limited hereby certify that the equipment stated below has been designed to comply with all relevant sections of the specifications referenced below and complies with all the applicable Essential Requirements of the EC Directives and amendments and the National Laws and Regulations adopting these Directives.

Description: Ø25mm Atom Beamer

Model/s: Part No. T58894 / T5889401

SWL: 100Kg **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

Harmonised Standards applied:

EN 292-1-2:1991

BS EN ISO 9001:1994

Safety Tested: DIN 31000 03.79

Safety Tested: DIN EN 74 12.88

National Technical Standards & Specifications applied:

BS 7905-1:2001

Signed: N.D.Curtis. Date:23-04-08

Name: Nigel Curtis Position: Technical Director

Being the responsible person appointed by the manufacturer.

CE

DEQ 083 Rev 4

Company Registration No. London 972614
Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ
Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright

Doughty Engineering Ltd
Crow Arch Lane
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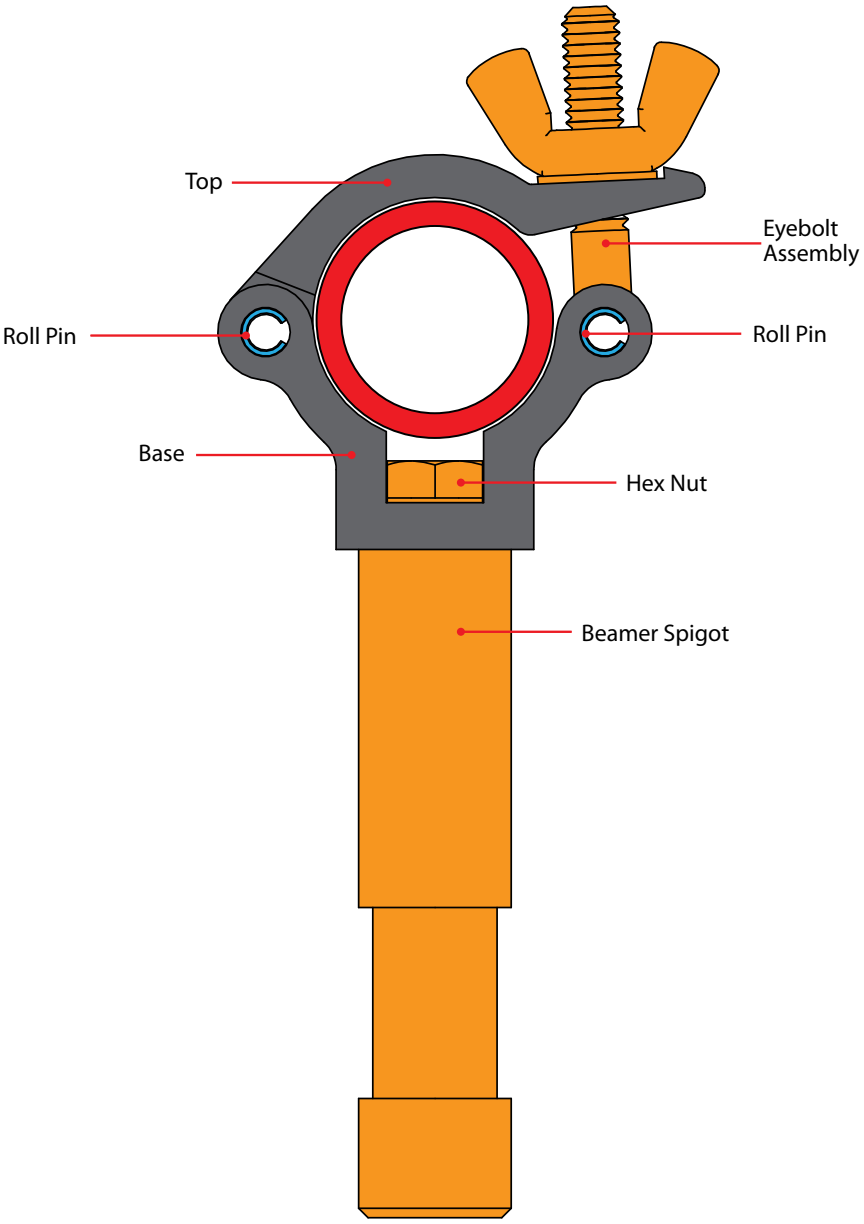
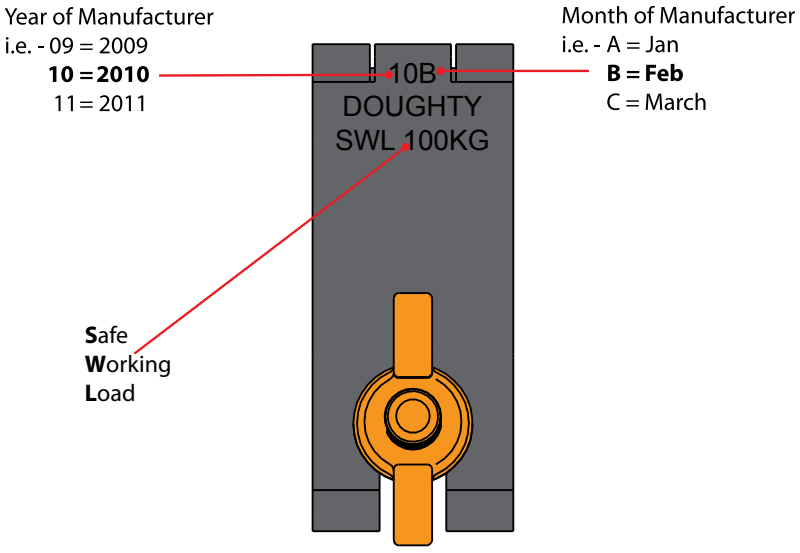
T58855 / T5885501

32mm Atom Beamer


Top
Eyebolt Assembly
Roll Pin
Roll Pin
Base
Hex Nut
Beamer Spigot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11 = 2011
Month of Manufacturer
i.e. - A = Jan
B = Feb
C = March
10B
DOUGHTY
SWL 100KG
Safe
Working
Load

1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (32mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
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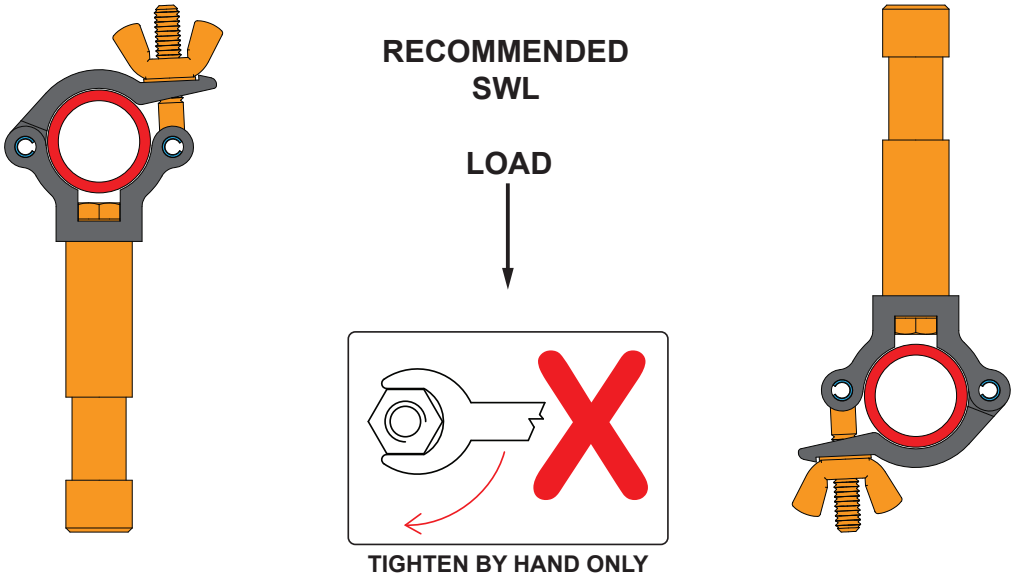

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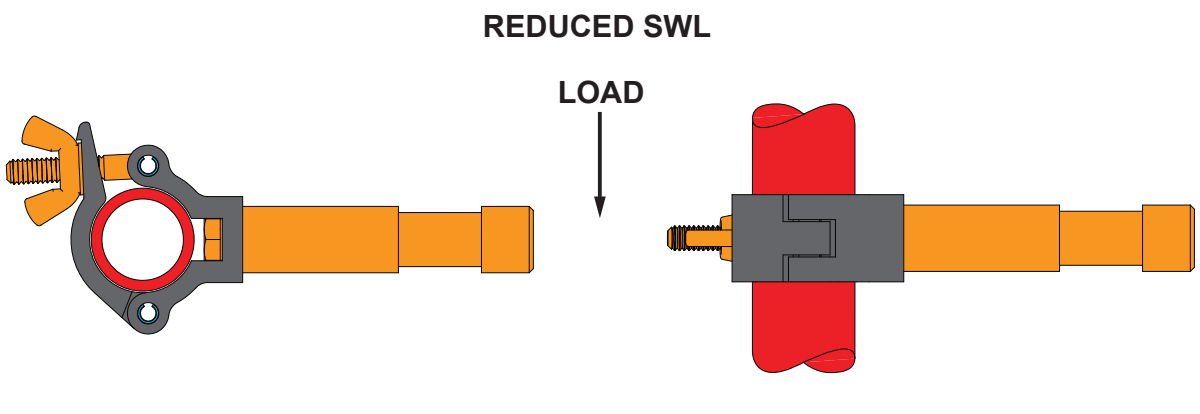

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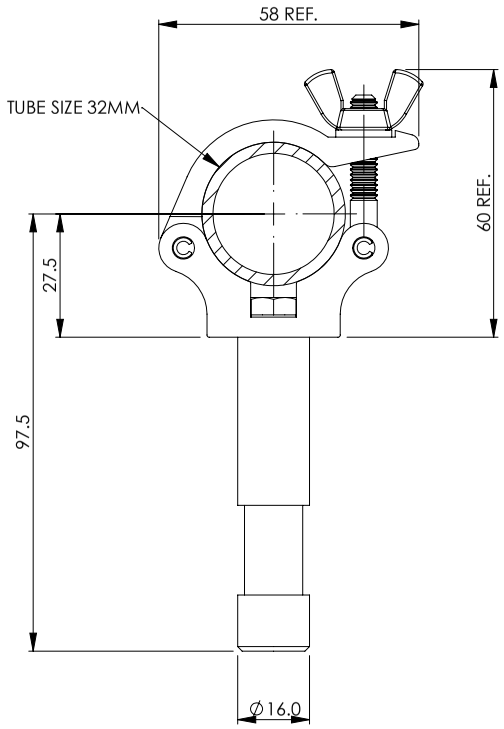
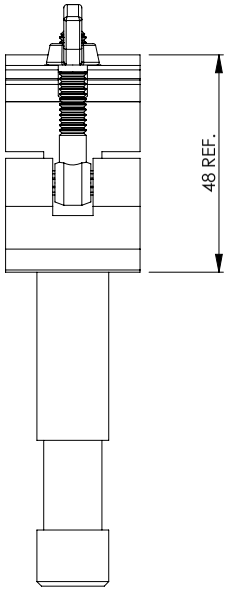
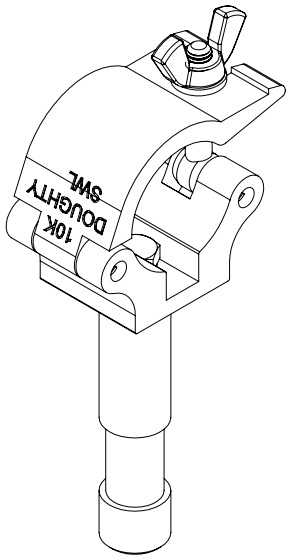
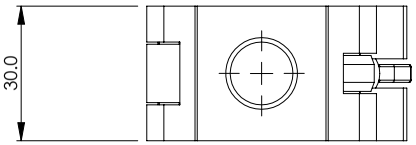








DOUGHTY ENGINEERING LTD

DATA SHEET

TITLE:
32MM ATOM BEAMER CLAMP

PART NOS:
T58855 - SILVER
T5885501 - BLACK

MATERIAL :
ALUMINIUM

WEIGHT:
N/A

SWL:
100 KG

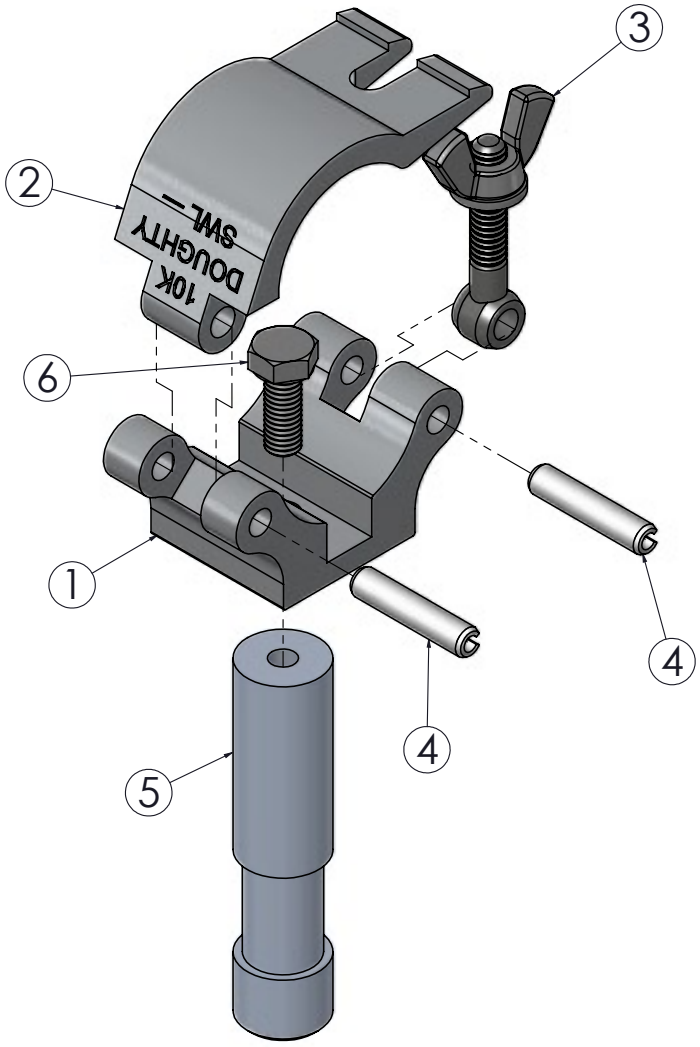
FINISH:
T58855 - POLISHED
T5885501 - POWDER PAINTED BLACK

NOTES:

STRICTLY FOR REFERENCE PURPOSES ONLY

THIRD ANGLE PROJECTION

Data Sheet



DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY
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SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Spares/QTY.
1	TH320	MACHINED 32MM ATOM CLAMP BASE	1
2	TH321	MACHINED 32MM ATOM CLAMP TOP	1
3	T78010	M6 X 39 EYEBOLT	1
4	F771	M5 x 25 Stainless Steel Roll Pin	2
5	T73391	M6 BEAMER SPIGOT	1
6	F920	M6 X 16 HEX SET SCREW BZP	1

T58855 - 32MM ATOM BEAMER CLAMP

DOUGHTY	DRAWN	AW
	DATE	06/04/2011
NOT TO SCALE	Rev	1

Doughty Engineering Limited
CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND
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Description: Ø32mm Atom Beamer

Model/s: Part No. T58855 / T5885501

SWL: 100Kg **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

Harmonised Standards applied:

EN 292-1-2:1991

BS EN ISO 9001:1994

Safety Tested: DIN 31000 03.79

Safety Tested: DIN EN 74 12.88

National Technical Standards & Specifications applied:

BS 7905-1:2001

Signed: N.D.Curtis. Date:23-04-08

Name: Nigel Curtis Position: Technical Director

Being the responsible person appointed by the manufacturer.

CE

DEQ 083 Rev 4

Company Registration No. London 972614
Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ
Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright

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User Manual

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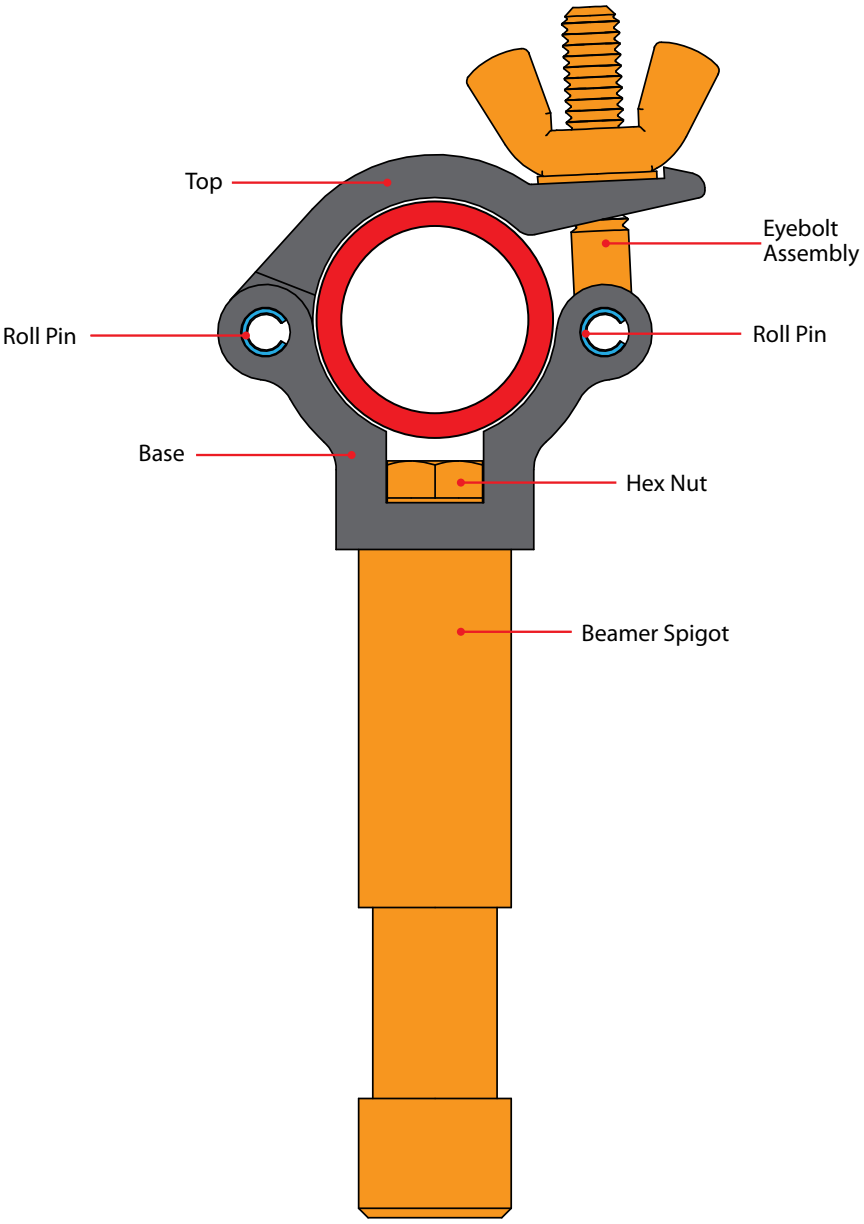
T58994 / T5899401

38mm Atom Beamer


Top
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Roll Pin
Base
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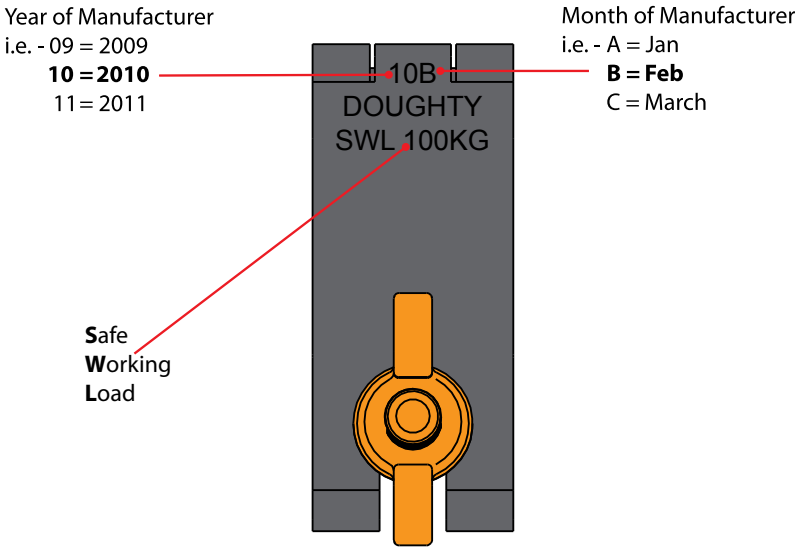
Beamer Spigot


Year of Manufacturer
i.e. - 09 = 2009
10 = 2010
11 = 2011
Month of Manufacturer
i.e. - A = Jan
B = Feb
C = March
10B
DOUGHTY
SWL 100KG
Safe
Working
Load

1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (38mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
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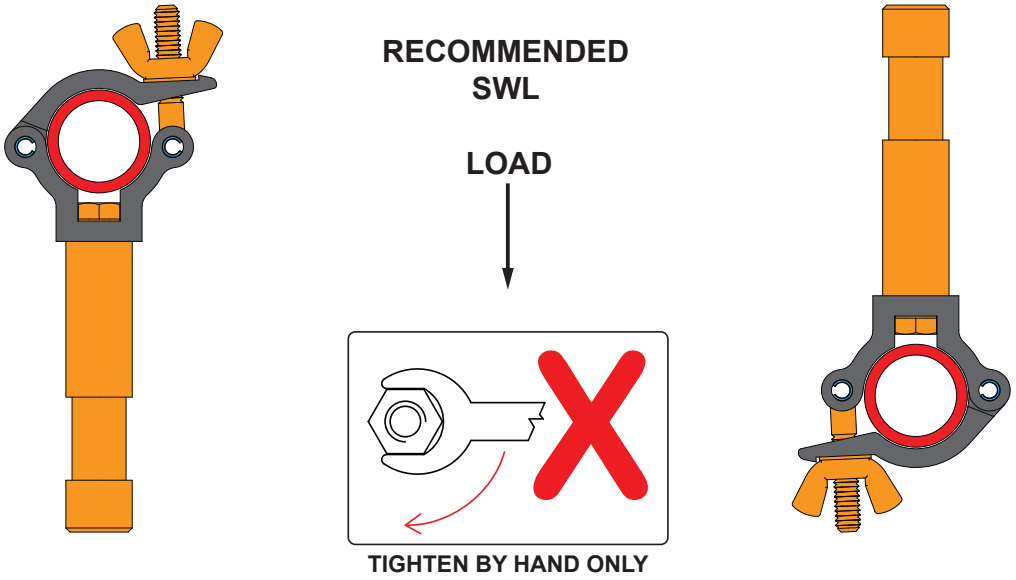

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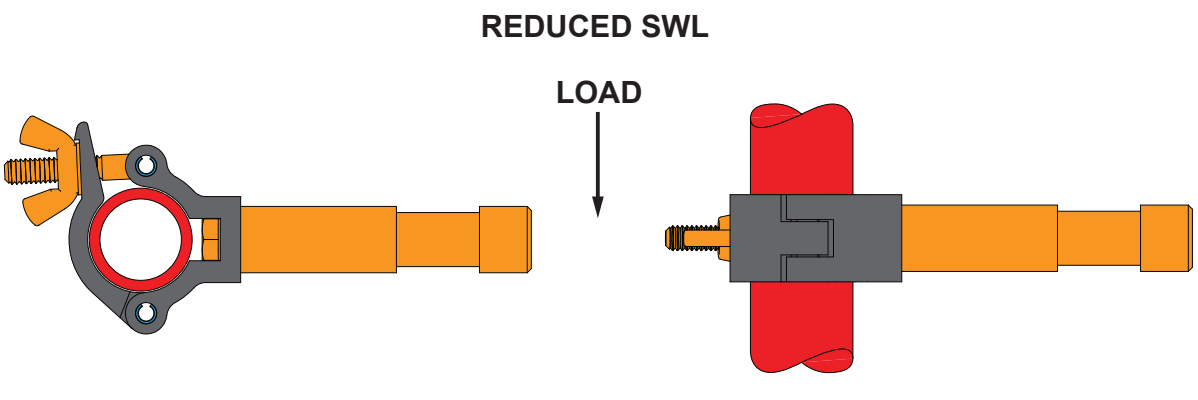

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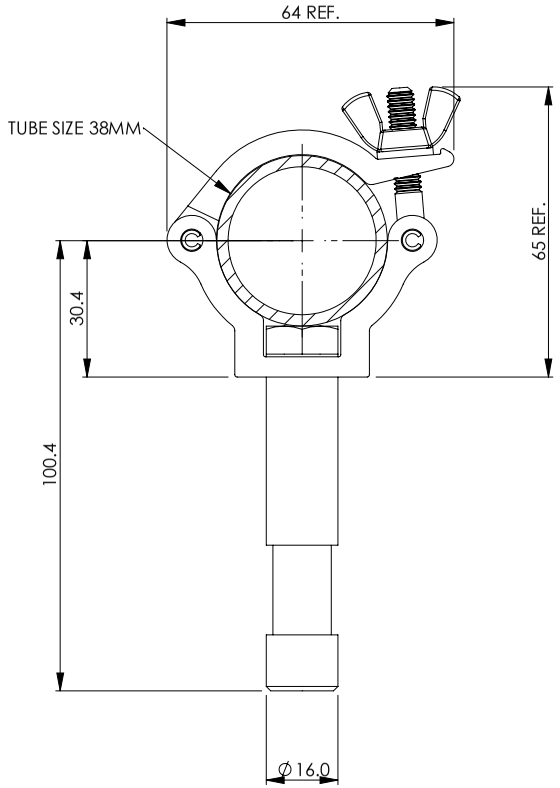
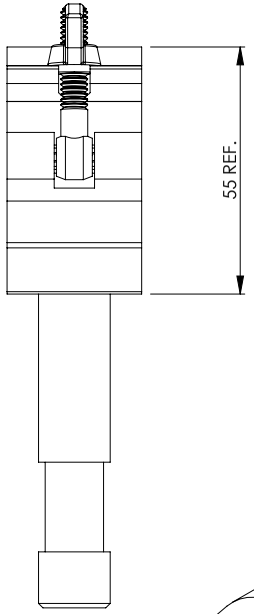
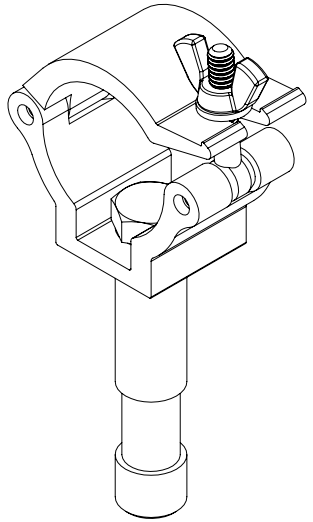
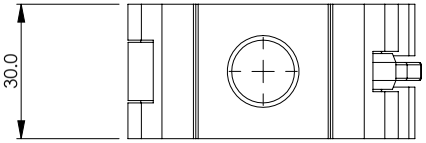








DOUGHTY

DOUGHTY ENGINEERING LTD

DATA SHEET

TITLE:
38MM ATOM BEAMER CLAMP

PART NOS:

T58994 - SILVER

T5899401 - BLACK

MATERIAL :
ALUMINIUM

WEIGHT:
N/A

SWL:
100KG

FINISH:

T58994 - POLISHED

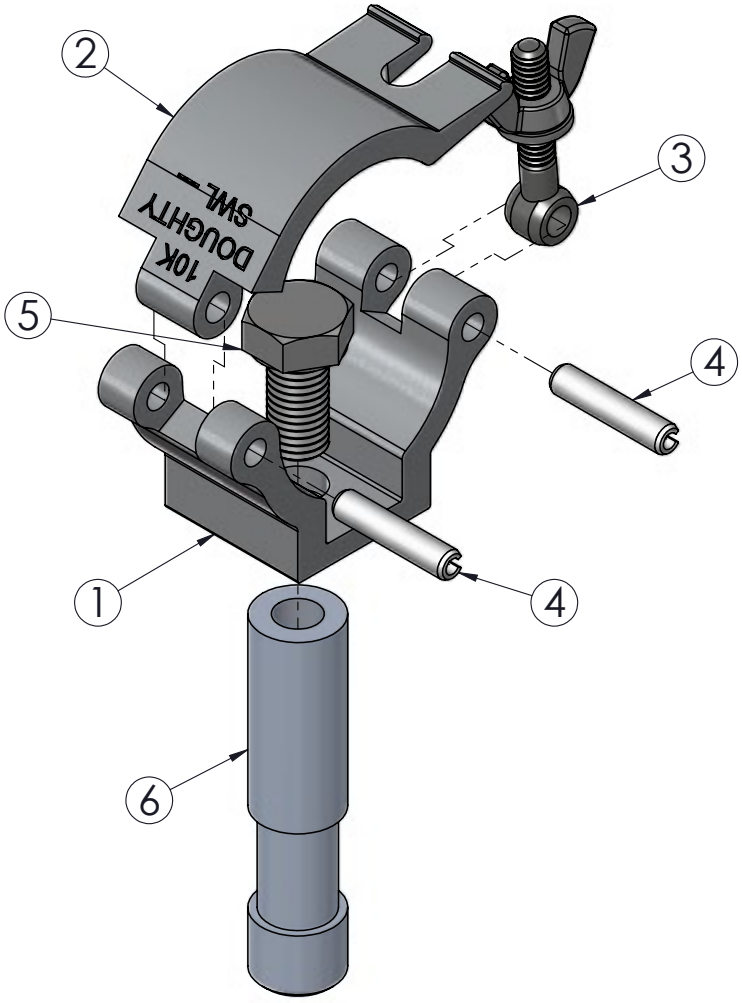
T5899401 - POWDER PAINTED BLACK

NOTES:

STRICTLY FOR REFERENCE PURPOSES ONLY

THIRD ANGLE PROJECTION

Data Sheet



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AN AUTHORISED SERVICE AGENT.
SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Spares/QTY.
1	TH134	MACHINED 38MM ATOM CLAMP BASE	1
2	TH705	MACHINED 38MM ATOM CLAMP TOP	1
3	T78010	M6 X 39 EYEBOLT	1
4	F771	M5 x 25 Stainless Steel Roll Pin	2
5	F994	M10 X 20 SET BZP	1
6	T73390	M10 BEAMER SPIGOT	1

T58994 - 38MM ATOM BEAMER CLAMP

DOUGHTY	DRAWN	AW
	DATE	07/04/2011
NOT TO SCALE	Rev	1

Doughty Engineering Limited
CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND
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Description: Ø38mm Atom Beamer

Model/s: Part No. T58994 / T5899401

SWL: 100Kg **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

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Safety Tested: DIN 31000 03.79

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Signed: N.D.Curtis. Date:23-04-08

Name: Nigel Curtis Position: Technical Director

Being the responsible person appointed by the manufacturer.

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